

Review of: "The Role of Green Legacy in Promoting Sustainable Development and Combating Climate Change"

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Potential competing interests: No potential competing interests to declare.

Abstract

It might be beneficial to include a brief statement about the methodology used in the study to investigate the impact of Green Legacy on climate change. This would give readers an idea of how the research was conducted. How did the researchers select the participants for the questionnaires and interviews? Was there a specific sampling strategy in place to ensure a representative sample?

The abstract mentions that the study used both descriptive and explanatory research designs, but it doesn't elaborate on how these designs were applied in the context of the research. Providing a bit more detail on this aspect could enhance the reader's understanding of the study's methodology. Could you provide examples of the specific changes and opportunities that were assessed using the descriptive research design? How did the explanatory research design allow you to explore the relationship between tree planting and climate change?

Could you provide more details about the factors that were considered in the logit regression analysis? How did these factors relate to the Green Legacy initiative and its impact on climate change? Elaborate on the concept of "business climate change" and how it relates to the study. If relevant, clarify whether this refers to the impact of climate change on business operations or some other aspect.

Introduction

Could you provide a more specific description of how trees contribute to carbon sequestration? How does the process work and why is it important for mitigating climate change?

After discussing the significance of trees, briefly explain how trees contribute to carbon sequestration, which reduces the concentration of greenhouse gases in the atmosphere, and how their presence helps maintain a cooler environment.

The introduction mentions various global initiatives to address climate change, but it might be helpful to provide a brief comparison of these initiatives and their core strategies. This could provide readers with a clearer understanding of the diversity of approaches taken by different countries.

While the introduction mentions the positive impact of the Green Legacy on forest cover and local climate, it would be beneficial to briefly address any potential limitations or criticisms of the initiative. This would provide a well-rounded

perspective and acknowledge potential challenges.

Method

The rationale for selecting the study area (Ethiopia) is clear, but you might consider briefly mentioning the significance of studying this specific region in relation to its vulnerability to climate change, deforestation challenges, and the government's proactive efforts like the Green Legacy initiative.

The explanation of the mixed research approach is clear, but you could enhance its clarity by briefly mentioning the benefits of using qualitative data to complement and enrich quantitative findings.

While you describe the sampling technique (purposive sampling), it would be useful to include a brief statement about why employees from the Ministry of Agriculture, Environment Protection Authority, and the Ministry of Environment, Forest, and Climate Change were chosen as the target population.

Include a sentence explaining that primary data collection directly from the source minimizes potential inaccuracies and biases that could arise from using pre-existing secondary data.

Briefly mention why a binary logistic regression model was chosen for your research. Explain how this model is well-suited for examining the probability of an event occurring (in this case, the impact of tree planting and growth on climate change) and aligns with your study's objectives.